

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A target assembly comprising a rotatable target tube and a central body characterised in that said assembly further comprises inside said tube at least one of the following
 - a bearing system for rotatably supporting said tube by said body
 - a drive means for rotating said tube relative to said body
 - an electrical contact between said body and said tube
 - at least one rotatable coolant seal for supplying or extracting coolant to said tube through said body
 - at least one rotatable vacuum seal for enabling a vacuum outside said tube.
2. (Currently amended) The target assembly according claim 1, wherein said drive means is an electrical rotary motor.
3. (Currently amended) The target assembly according claim 2, wherein said electrical rotary motor is a fixed axis, rotating drum motor.
4. (Currently amended) The target assembly according claim 1, wherein said drive means is a hydraulic rotary motor.
5. (Currently amended) The target assembly according claim 4, wherein said hydraulic rotary motor is driven by the coolant.
6. (Currently amended) A sputtering apparatus positioned within walls of an evacuable chamber comprising a target assembly as in ~~any one of claim 1 to 5~~ claim 1, said apparatus further comprising a first and a second coupling means connected to said chamber walls for removably coupling said body to said first and second coupling means.

7. (Currently amended) A sputtering apparatus positioned within walls of an evacuable chamber comprising a target assembly as in ~~any one of claim 1 to 5~~ claim 1, said apparatus further comprising one coupling means connected to said walls for removably coupling said body to said one coupling means.
8. (Currently amended) A target assembly comprising a rotatable target tube and a first and a second central body
characterised in that
said assembly further comprises inside said tube at least one of the following
a bearing system for rotatably supporting said tube by said first or said second body
a drive means for rotating said tube relative to said first or second body
an electrical contact between said body and said tube for electrically connecting said tube through said first or second body
at least one rotatable coolant seal for supplying or extracting coolant to said tube through said first or second body
at least one rotatable vacuum seal for enabling a vacuum outside said tube.
9. (Currently amended) The target assembly as in claim 8, wherein said first and second body are coupled to one another.
10. (Currently amended) A sputtering apparatus positioned within walls of an evacuable chamber and a target assembly as in ~~claim 8 or 9~~ claim 8, said apparatus further comprising a first and a second coupling means connected to said chamber walls for removably coupling said first and second body to said first and second coupling means.
11. (Currently amended) A sputtering apparatus positioned within walls of an evacuable chamber and a target assembly as in claim 8 ~~or 9~~, said apparatus further comprising one coupling means connected to said chamber walls for removably coupling said first body to said one coupling means.

12. (New) A sputtering apparatus positioned within walls of an evacuable chamber and a target-assembly as in claim 9, said apparatus further comprising a first and a second coupling means connected to said chamber walls for removably coupling said first and second body to said first and second coupling means.

13. (New) A sputtering apparatus positioned within walls of an evacuable chamber and a target assembly as in claim 9, said apparatus further comprising one coupling means connected to said chamber walls for removably coupling said first body to said one coupling means.